

POTOMAC VALLEY RADIO CLUB - NEWSLETTER - FEBRUARY 2000

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PVRC CALENDAR (details on the Reference Page)

Weekly	Wed	BWI Regional weekly breakfast. Wednesdays 7:30 am, Basil's Deli, Elkridge Landing Rd near BWI.
Monthly		Over-the-Hill Luncheon. Date to be announced. Hosts listed on reference page.
Feb 4	Thu	PVRC/NC meeting at Ryans Family Restaurant, Cary Crossroads. 5:30pm, meeting at 6pm
Feb 8	Tue	Central VA at the Crazy Greek. Eat at 6pm and meeting at 7:30;m
Feb 14	Mon	Central meeting. The library in Vienna VA
Feb 15	Tue	Northwest at Tully's Grill, 1080 W. Patrick St, Frederick, MD at 7:30 pm
Feb 15	Tue	Tidewater Colony. Meeting with VA-DXCC.
Feb 18	Fri	SWVA Western Sizzlin on Orange Ave across from Roanoke Civic Center
Feb 19/20		ARRL CW DX Contest.
Feb 26/27		CQ SSB 160M Contest.

I'm sad to report that Nap Perry W4DHz (FOC 1296) died early this morning - 13 Jan 2000 - of complications of metastatic prostate cancer. He was an avid DXer and active member of the Virginia DX Century Club and had worked over 360 countries in his long ham career. He was active on the air as recently as this past fall. Nap's wife, Sweet Pea, had predeceased him in 1997. Nap's son asked that I pass this on to Nap's many FOC friends. de W4ZYT

THE PVRC PRESIDENT'S REPORT by Brian McGinness, N3OC

Well, spring is just around the corner and it's time to be planning those summer improvements to your contest station!

During the next year, we hope to bring you speakers and newsletter articles that will help both our newer and older members improve their stations. Plans are in the works for a visit and presentation from Force 12 antennas, a series of articles on stacking from WX0B (Array Solutions) and an article on rotating towers. We plan on video taping the presentations so the outlying regions will have the opportunity to see them.

We are looking for members to volunteer to help in a couple areas. First, we would like someone to take over editing our column for

Auto Call, allowing K3DI to concentrate exclusively on the newsletter. As a member club of FAR (the Foundation for Amateur Radio) we are allocated a small column each issue, and a larger write-up once a year. This is an important recruiting tool, and will probably be even more so with the upcoming licensing restructuring.

The second area we need help in is with our internal awards program. We need someone to make administer this program, which would consist of getting certificates and pins made up for those stations that met the score goals.

If anyone is interested in helping in these areas, please contact me.

This month the ARRL DX begins, and we would like to see each of the regional coordinators help as many of their members as possible find a place to operate from. With the improved sunspot numbers, modest stations are able to ring up some pretty good scores, so please team up with a friend and get on the air this spring! Go PVRC!

CLUB DONATIONS AND PVRC/NE REPORT by Dave Baugher, WR3L, Tres.

I would like to thank these members for the excellent donation support in January:

W3HVQ, K4HOT, KE3Q, W3FG, WX3B, N3HUV, WA3AMH, WB4FDT, N3RQV, K3TLX, KK4WQ, K3DNE, K3ZZ, W3ABC, KN6BU, W3GNQ, N5OKR, W8BOZ, W4DM, N4CW, ND3A, W3IDT, KA3UBJ, K1EFI, N3RC, W4XU, NE3H, K3DSP, K3KZ, N4RP, K3SO, W4ZYT, W4SD, N8CH, WR3Z, K3SWZ, K3SX, K4JA, W3DAD, W3YD, K3FT, W4JAT, K3WC, and N1WR.

Remember, we also need your participation in the contests to keep PVRC as a top contesting club!

PVRC/NE report: I would like to invite any interested operator to operate at my multi-two ARRL cw operation. You are welcome here at any time during the contest. We also need full time operators. Please e-mail, call or send message by packet that you are or might be coming.

WORLD RADIO TEAM CHAMPIONSHIP

>From a AI6V msg. The Slovenian Contest Club is hosting the World RadioSport Team Championship 2000. They have asked AI6V to head up fund raising for non-Europe. Donations in excess of \$250 may be submitted via a directed contribution to the Northern California DX Foundation, earmarked "WRTC 2000" and sent to Bruce Butler, W6OSP, at 4220 Chardonnay Ct., Napa, CA 94558. Contributions under \$250 should be marked "WRTC 2000" and sent to Carl Cook, AI6V/P49V, at 2191 Empire Ave., Brentwood, CA 94513. His e-mail is

[\[email protected\]](#) For event information, go to the web at <http://wrtc2000.bit.si>. Thank you in advance for any help that you can provide for this project.

>From K3MM. After much careful deliberation, the officers of PVRC have selected Eric Scace, K3NA, as the PVRC Team Leader for WRTC2000 in Slovenia! Eric has a long history of contesting and DX accomplishments from around the world. With his penchant for propagation analysis and his job which keeps him in that quadrant of the world a good part of the time, he's uniquely qualified to represent PVRC in this prestigious event! Congratulations Eric and good luck OM!

Extracted from a K3NA message. Eric needed to pick a teammate and received 33 recommendations from conversations via the CQ-Contest reflector. In the end, he had a half a dozen really great candidates... and was waffling between two: Dave K6LL (who got the bronze medal in the 1996 WRTC) and Bob N6TV (who came in 12th in 1996 from a significantly poorer location). In the end he picked N6TV, based on his broader operating experience outside the USA and very strong CW skills.

CENTRAL MEETING MINUTES 1/10/00 by Brian McGinness, N3OC, Pres

The PVRC central meeting was held in Temple Hills, preceded by dinner at Mamma Stella's Italian restaurant. (Note for future meetings - no buffet at Mamma Stella's, so arrive in time!)

The meeting was called to order at 7:30 by PVRC president Brian, N3OC. Members and guests were introduced. Members attending were: WR3L, N3NT, K3ZO, W3TOM, W3AZ, W3HVQ, N3UMA, KE3Q and N3OC.

N3OC gave the presidents report. There was a PVRC BOD meeting held 1/3/00 at the Nest in Olney, with all board members attending (N3OC, K4VV, W2GG, WR3L, K3MM, KE3Q and N3RR). The purpose of the meeting was to discuss new ideas for PVRC in 2000, and to get an idea of the direction we should head. A lot of good ideas were presented, and we are working towards implementing many of them. Some of the ideas that we will be trying in 2000 are:

A big push for this year's ARRL DX contest. This contest is in reach, if we just mobilize our members and get on the air. N3OC will be contacting the regional chairmen about this.

Enhancing the PVRC award program. Now that the 5m award is up and running, we would like to add several participation awards, possibly with a certificate for a 500k or greater score, and a pin for a 2m or greater score.

By-law changes. We plan on changing the bylaws slightly to allow all members to vote on the club officers, not just the central region.

Better meeting presentations. Plans are already in the works to bring in some quality speakers and plan for some interesting presentations at the meetings. We plan on video taping the best of these to allow the outlying regions to view them at their meetings.

Revamping of the newsletter. We hope to enhance the newsletter with more officer's reports, a technical article and an article featuring one of our members each month. If you are interested in providing material to the editor, please contact K3DI or N3OC. And a couple ideas still in the formulative stage - on the air meetings and conducting a contest university for new members.

WR3L provided a brief report on the status of the treasury, and reminded everyone that a donation envelope is included in the January newsletter.

N3NT reported the QSL cards were in, and several members received their cards at the meeting. Contact Craig if you need to pick up your cards.

A motion was made, seconded and approved to donate \$100 to WRTC-2000 via AI6V. K3NA is our representative from PVRC in WRTC-2000.

The usual war stories were told to finish up the meeting. N3NT went to J6 for CQWW, and learned how much work dxpeditions can be. Craig will be on from home in the CQWW 160 at the end of the month.

WR3L is looking for ops for the ARRL DX contests. If you are interested and willing to drive to the Baltimore area, please contact Dave.

KE3Q was at A61AJ for CQWW CW again, and will be single-oping at W3LPL (as W3AO?) for the CQWW 160 contest.

W3TOM has been travelling, but reports he is ready to revamp his station, and is looking for help and also for operators once he is done.

W3AZ is looking for ops to help in the 160 contest this month. Bill advises his station is often available, and Bill would be interested in sharing the operating chores with someone. Bill also reports he is working on the design of an amplifier safety circuit that would automatically shut down the amp if the load changed.

W3HVQ had a copy of the ARRL antenna compendium, which features his antenna design, called "The Bumbershooter" on the front cover! He also reports he has been busy with an old prop pitch motor that he has been repairing.

N3UMA finally got tired of the city antenna constraints, and bought

a new QTH with 1.3 acres. He used to have attic antennas, now he hopes to put up a tower this summer. In the meanwhile, he has used his slingshot to put up a fan dipole for 10/15/20/40. The meeting was adjourned at 9:30.

PVRC/NC MEETING MINUTES 1/6/00 by Pete Soper, KS4XG

The meeting was at Ryans Family Restaurant in Cary from 5:30-8:30pm.

Attendees: Guy K2AV, Brian K3KO, Bob K4HA, Jim K4QPL, Merri KF4OAD, Stephanie KG4CXZ, Mark KI7WX, Brent KO4PY, Pete KS4XG, Bert N4CW, Joe NA3T, Dan N3ND, Jay NT4D, Jeff NX9T, Will WJ9B

Membership: This was the second meeting of Stephanie Brookover, KG4CXZ. Stephanie holds a technician plus license and is enthusiastic about contesting using Dad's station (NT4D). She made a single op effort in the 10 meter contest and appears to be hooked! She can be reached at [\[email protected\]](#) mindspring.com. A unanimous vote for membership was recorded. Welcome to PVRC, Stephanie!

This was the first meeting of Merri Crawford, KF4OAD. Merri holds an advanced license and takes part in a wide range of contests including rtty, cw, and phone with her 50 watt "stealth" apartment station in Carrboro. She has also been single op from the WOUN super station. Merri can be reached at [\[email protected\]](#) and has a web page at <http://www.qsl.net/kf4oad>. Chapter membership is now 34.

Club business and announcements: W0UCE sent regrets. The presentation that NA3T was to give at the February meeting has been rescheduled to March. It is "Analyzing VHF contest logs to look for interesting propagation."

KS4XG is looking for volunteers to help prepare a booth at RARSfest and compile an AV record of member stations. (K4HA, NT4D and N3QYE are signed up: any more?).

KI7WX moved that all members join in celebration of N4CW making it into his second millennium.

Member notes: K2AV remarked that TX stations made up 25% of his 10 meter contest log. Others said they noticed a disproportionate number of Texas contacts too. Guy reported the main (but not sub) receiver of his MP1000 has died and he's preparing to send it for repairs. On a happier note Guy explained that since one of his kids is moving to the Triangle area he stands to save \$1k per year on phone bills and will be claiming that for his hobby. The consensus of the group is that he'll be lucky to see half.

KI7WX took part in the "multiple multi/single" 160 efforts with K4HA and AA4NC. Mark has weighed many alternatives and decided on

a combination of wires and high band stacks on one tower for his home station. Mark also exhorted the group to get on the air for the phone Sprint contest, at least at the start on 40 meters, explaining that without the "local" contacts its hard for ops in this area to be competitive.

NX9T joined K4HA for the 10 meter contest. Jeff is really looking forward to getting moved! K4HA will operate from VE9XC in the CQ 160 CW.

K3KO topped his previous year score in both the 10m and 160 contests and remarked that he had WAS after the first 10 hours of the 10 meter test with his quad fixed NW.

N3ND took part in the 160 contest at W0UCE with N4CW. Dan, Jack and Bert are holding first place M/S amongst PVRC members.

KO4PY has been focusing on QRP efforts with homebrew gear running 100 milliwatts. WJ9B has also made some QRP efforts. Will has managed to take part in all the main contests going back to CQWW, more participation than usual for him.

N4CW joined in the M/S 10m effort at the AA4NC station. Bert described the long process of diagnosing a "bad audio" problem stemming from his newly acquired SB200 that's destined for his second station in Maine.

Apart from replacing the feet Bert systematically worked through the amp's components until he found the cold solder joint that was the fault. Bert said he also did WAS early in the 10 meter contest. Bert reminded all of the CW NAQP and was promptly volunteered to organize a team.

NA3T just got back from Sidney. Joe described the very avid use of amateur television by Australian hams on a 576 MHz band there, with well produced public service programs and excellent signal to noise ratios. Alas, Joe found something very hard while repelling off a rock face on the trip and returned to the states with a broken hand.

KF4OAD described her amateur interests and participation in recent contests and QSO parties. Merri has one of the stealthiest HF antennas going, a 40m double bazooka made of coax that's painted to blend into her apartment's soffet (it also looks like cable TV wiring).

KS4XG continues to work on his new shack with the first pieces of wall paneling in place (<http://www.pagesz.net/~ks4xg>). Pete has a C4 coming for his tower and will be moving his quad to an AB577 mast.

K4QPL took down his temporary tower and reports that getting his

TS850 fixed (rig interface ruined by lightning) but at a cost of \$300. Jim commented that the recent KI7WX open house was a great outing. Jim described his "balun loading" effort during the ARRL 160 test and heroic attempts to draw the attention of K4HA, N4AF and others. Jim said that he and W0UCE are "really going to do it" and plan to pour concrete for their tower projects "soon" but was careful not to specify the year encompassed by "soon". KG4CXZ described her 10m single op effort with enthusiasm. Stephanie worked 30 states and 19 countries. She said that it was a real power trip after she realized how effective Dad's station is. Stephanie also caught Jay up on all his QSLing and several members asked if she was available to help them out.

NT4D made personal best efforts in CQWW and Sweeps and reported a lot of satisfaction with his current setup.

Next Meeting. The next meeting will be at Ryans Family Restaurant at Cary Crossroads on Thursday February 3rd. Come at 5:30pm for extra rag chewing or 6pm for the formal meeting.

SWVA PVRC JANUARY MEETING MINUTES by John Mitchell K4IQ

SWVA PVRC met on January 21 at the Western Sizzlin Restaurant at Crossroads Mall, Roanoke. Attending were W4JAM, John; WOMAN, Susanne; N4EL, Nat; K1GG, Gordon; K1SO, Jerry; KC9LC, Randy; WA4BKW, Bill; and K4IQ, John. After dinner, we each discussed our current station, planned changes, and recent activities. W4JAM has gotten up 70 feet of 55G and awaits better weather to move the tribander from the small house bracketed tower. He is looking for an LK800 amplifier. WOMAN worked as ground crew on this project, operating the winch to send the sections up. K1GG lost an element off the KLM 3 ele. 40M beam in the high winds last week. He is working with PVRC'er Mike C. to try to obtain insulators to replace those broken. N4EL operated in the ARRL rtty roundup and had a good time, S+P'ing enough to earn the certificate for QSOs. KC9LC just returned from a Caribbean cruise and recommends the experience; only brought an HT, though. He tried to get a tour of the ship's radio room, but found they are not doing those anymore. WA4BKW said we are all helping to support him now, as he reached SS eligibility this year. K1SO had a great time operating a multi from Okracroke Island off the NC coast. K4IQ shared details of the folded unipole installation he is attempting on the 100 foot tower for 160 M.

We then had a somewhat impassioned discussion about the FCC move to restructure licensing. The consensus was that, although it was a shame, we would probably have to live with it and make the most of it. There will probably be both more contesters, and more QRM, but the biggest thing was the loss of our tradition. Morse code is a common language most hams shared, and now it appears that will go by the wayside.

We also discussed what we could do to make our meetings more interesting, and agreed we would appreciate receiving videos of any interesting presentations given at the larger chapter meetings, as well as potential visits from DC area, or other chapter members. To make things more interesting, K1GG said we should have competition among the chapters, employing a weighting scheme to level the playing field, and recognize outstanding efforts by chapters in a given contest.

We discussed the upcoming Dayton convention, and it looks like SWVA will have a record number attending this year. We also floated the idea of mounting a "serious" field day effort this year, and agreed to discuss it further at our next meeting. We will meet on March 10, everyone's February calendar being full, and K4IQ agreed to try to find a suitable location where we might view a video of interest as part of the meeting agenda.

□CENTRAL VIRGINIA MINUTES by WA4QDM

Our first meeting of the new millennium was held on January 10th with a program entitled "A Celebration of the Fiftieth Anniversary of Bob Eshleman's Amateur Radio Career". The evening, which was attended by 67 members and guests, began with an elegant buffet. Bob's wife, Rosalie, N4CFL, MC'd an interactive POWERPOINT documentary covering the four eras of W4QCW-W4DR's amateur career; Harrisonburg 1950-57, east RIchmond 57-68, Chesterfield 68-77 and Powhatan 1977-2000 and beyond. Bob's "ham twin" W4QDC was in attendance as was his partner on the 1954 Navassa Dxpediton (KC4AB), W4VZQ. Both of these guys as well as many others shared stories following each segment of the history. A replica of the of the KC4AB station was setup including some original pieces of gear and an audio clip. This historic operation, by three teenagers, was a new country for everyone and is probably the first and only "new one" done by such young hams in the past century.

The normal meeting time is 7:30pm on the second Tuesday. Programs are WK4Y on CAP in February and NR4M on WIN4DX in March.

LEO BOBERSCHMIDT, MM/W3LEO, IN SCOTLAND

Leo, W3LEO, will again be active from Portpatrick in southwest Scotland from 29 February to 17 March, 2000. However, Leo states that this is a vacation not a DXpedition and "time on the air will depend on the antennas, on propagation, and on when the nearby pubs are open, HI..." [There is a very nice pub only 22 steps from his cottage]. He will use the callsign MM/W3LEO and plans to be in the ARRL International DX SSB Contest. Outside of the contest, he will concentrate on 10, 12, & 17 SSB. He will use an Icom 706 (100 watts)), an R-5 vertical [10, 12, 15, 17, 20 meters], and wire antennas on a DK9SQ mast for 40 & perhaps 80. QSL via his CBA (with SASE) or bureau.

NOTE: the CEPT callsign for someone visiting Scotland is your

callsign preceded by "MM/" [not "GM/"] -- and there is NO number after the prefix. Last fall, Leo had some hams in the CQWW contest tell him he HAD to have a number after the prefix; not true.

REPORT FROM THE ANNAPOLIS CREW OF PVRC by Dick Wilder, K3DI

Expressing an interest in the Crew are members W3UL, WA0QII, N3UMA, W3ICM, N3WK, and K3DI and non-members W3OQ and K3NY. I have three goals. (1) Encourage more Hams in the Anne Arundel and adjacent counties to contest from their own station, (2) to build a 3-station M/M that welcomes beginner testers, and (3) to provide an Anne Arundel Co meeting location. If interested, please contact me (see editor info on the Reference Page) about attending a formal Crew meeting at K3DI during the week before the ARRL CW test on the 18th.

SHORT NOTES FROM THE EDITOR, K3DI

I have activated mail forwarding via [\[email protected\]](#) while searching for a good free ISP. Meanwhile, the ARRL address will get to me.

Howie, N4AF, lets us know you can get to the PVRC archives by browsing: www.qth.net/archive/pvrc/pvrc.html

Masa Miura, AJ3M, was scheduled to visit the United Nations on January 14th and 15th and said he would try to operate 4U1UN. I didn't see any cluster spots.

In my opinion, the ARRL outgoing bureau is overpriced with the result that I now send all my outgoing cards via the RSGB which is a free service to its members. Of course, if one factored in the membership cost it is not a bargain but that free service fell out from my membership and subscription to the RSGB magazine, RadCom. It is noted that type AO mail is the least expensive when sending packets of cards overseas.

>From Ron Uthus, N4MO: We've arrived in Costa Rica and will be active until March 19th as TI7/N4MO. I'll be up for both the ARRL tests as per usual on 15 LP. Then for a quick trip to V31 for the WPX test the end of March. Don't have the call but V31 won't be a problem multiplier this year. At last count there will be at least 5 stations up and screaming during the WPX test.

S C O R E S by Bob Dannals, W2GG

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Changes/additions/deletions to

W2GG via [\[email protected\]](#) or packet

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= missing information

CQWW DX CW (FINAL 01/06/2000)

CALL	BND	QSO	ZON	CTY	TOTAL
SINGLE	OP	HIGH	POWER	-	UNASSISTED
K3ZO		3773	143	427	6,289,950
K4ZW		3390	151	457	6,025,280
W3MC		2607	139	435	4,359,530
W4RX		2484	146	423	4,128,664
N4ZR		2601	130	394	3,981,876
W4MR		2316	133	426	3,792,815
K2PLF		1667	133	389	2,511,342
W4YE		1147	116	361	1,562,652
K2UOP		869	109	318	1,061,552
W3AZ		820	105	310	992,265
N3JT		826	92	276	873,632
N4MM		681	115	322	849,528
KT3Y	40	1708	35	122	770,000
W9LT	10	1320	34	113	567,861
K4VV		534	87	230	477,719
W4ZYT		453	85	232	412,417
W4IF		385	67	177	271,816
K4YT		280	77	158	168,965
W4VC		295	51	148	166,762
K4TX	40	516	22	83	155,505
W3GN	10	369	31	88	119,952
W3CP	10	330	30	95	119,215
K4UX		###	73	116	69,164
K4MA		92	31	48	19,513

SINGLE	OP	LOW	POWER	-	UNASSISTED
N1WR		1073	108	348	1,410,408
NY3M		743	101	302	844,285
W3DAD		604	75	231	532,746
N4MO	15	1124	35	120	508,400
K4QPL		498	65	186	364,452
K4HA		350	55	185	253,500
W4SD		264	61	165	168,596
W3CP	10	330	30	95	119,215
WJ9B	40	417	22	82	107,952
NX9T		128	42	89	43,623
WB4DNL		###	##	##	32,893
NV3V		71	34	60	16,262

SINGLE	OP	QRP	-	UNASSISTED	
WD3P		207	45	131	103,136

SINGLE	OP	ASSISTED
N3RR		2253 179 589 5,002,752
N3AM		2115 147 499 3,988,404
K3KO		1660 150 488 3,037,518
K3SV		1705 138 444 2,853,546
W3HVQ		1217 128 364 1,729,380
K3DI		982 130 431 1,569,666
K3SA		907 132 411 1,429,176

W3UJ	703	100	306	824,586
K4PB	620	121	322	769,934
W3EKT	587	112	309	695,913
N3II	582	90	296	638,058
W3UL	434	92	230	371,266
K3SX	278	90	184	205,500
W3OU	144	70	122	77,568
N3RC	141	51	105	63,024
W4JVN	95	39	66	27,930
N3GPU	96	23	49	20,016

MULTI - SINGLE

N4AF	3730	165	505	7,112,050
N4RV	1977	170	530	3,994,200
W8ZA	1411	155	530	2,801,400
W4PRO	500	129	314	619,757
WX3B	195	44	107	83,956

MULTI - MULTI

W3LPL	9341	212	780	26,458,624
W4MYA	5332	195	698	13,603,069
NR4M	4354	176	556	9,172,692
K3LR	####	###	###	2,881,756

DXPEDITIONS

A61AJ	12,796,956
VO2WL	1,785,345
3A/W0YR	1,341,861

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66 LOGS	TOTAL	150,209,346
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66 LOGS	- CW	150,209,346
79 LOGS	- SSB	140,915,327
	GRAND TOTAL:	291,124,673

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LAST YEAR (SSB & CW)

Yankee Clipper C C	460,442,158
Frankford R C	432,136,542
Potomac Valley R C	194,995,771

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OPERATORS:

3A/W0YR	W0YR plus 3 others
A61AJ	K3RA KE3Q W3UR plus 7 others
K3LR	AA4NC plus 8 others
N4AF	K2AV N4AF
N4RV	N4RV KT4W
NR4M	NR4M K7SV K4EC K1SE K4EU
	WA4JUK K4GMH

VO2WL K3TM plus 1 other
 W3LPL AI3M W3LPL N3OC N4QQ W2GG ND3A
 K3LP WR3Z K9GY K3RV KD4D K3MM
 W4MR N4CW at AA4NC QTH
 W4MYA K4GAU K4WMA N0NM W4HJ W4HZ
 WA4QDM WK4Y WU4G W4MYA
 W4PRO WB4DNL AF4CD W4PRO
 W8ZA K8OQL N8II W8ZA
 W9LT from K3ZJ QTH
 WX3B WX3B N3SL

ARRL 160 CONTEST RESULTS (FINAL 01/11/2000)

CALL	QSO	SEC	DX	TOTAL
** SINGLE OP HIGH POWER				
W4MYA	1168	74	29	272,744
W9LT	1057	73	21	252,928
N4AF	937	70	30	206,300
K3SV	952	73	23	197,184
K8OQL	722	68	15	125,579
K2UOP	603	61	14	95,858
W3GN	516	64	3	69,747
N3AM	311	50	6	36,008
K3ZO	321	57	2	38,232
N3HUV	340	46	0	31,418
N3NT	305	47	3	30,950
K4VV	148	42	0	12,432
K4UX	123	45	1	11,316
W3PP	119	32	6	10,070
W4HJ	59	28	3	3,937

** SINGLE OP LOW POWER				
WJ9B	584	61	10	85,910
N1WR	422	53	3	47,768
W4YE	242	53		36,570
K3SA	260	45	4	26,362
W3CP	270	50	0	27,450
W2GG	219	52	2	23,976
W8ZA	213	44	1	19,305
N4MM	175	50	0	17,950
W4HM	190	46	0	17,618
WD3A	175	41	0	14,350
NV3V	180	37	0	13,320
K4YT	###	##	#	12,960
K3DI	160	37	0	11,840
N3UN	156	36	0	11,232
W3UL	119	36	0	8,568
N3II	113	32	1	7,557

** SINGLE OP QRP POWER				
WK3I	160	72	0	72,360

** MULTIOP

W0UCE	949	67	14	159,327
K4IQ	844	73	13	152,736
W4MR	642	69	6	102,726
K3KO	640	69	9	102,648
K4HA	542	63	12	87,375
K3MM	450	65	18	81,174
N4RV	302	69	17	57,878
K4PB	339	63	5	47,532
K4ZW	316	46	14	40,980
WA4QDM	320	47	0	30,080
N3RC	123	41	1	10,458
43 LOGS		TOTAL		2,722,713

LAST YEAR - 1998

	logs	score
P V R C	41	2,388,274
S Midwest Con	15	1,506,794
FRANKFORD R C	22	1,180,986
YANKEE CLIPP C C	7	852,374

Operators (single op plus packet
unless listed otherwise):

K4HA	K4HA K4MA AA4NC
W4MR	K4HA K4MA AA4NC
W0UCE	W0UCE N3ND N4CW

Guest ops:

W9LT at QTH of W8LRL

ARRL 10m CONTEST RESULTS (FINAL - 01/12/2000)

CALL	QSO'S	STS	DX	TOTAL
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SINGLE OP HIGH POWER - MIXED

W4MYA	2540	112	146	1,965,444
K3ZO	2368	112	131	1,765,638
N3OC	2082	108	140	1,623,904
K2UOP	1197	(229)		818,914
K4VV	1101	101	119	643,720
K4YT	948	105	129	570,960
N3NT	422	(165)		232,650
K2AV	404	93	55	209,864
N4ZR	377	57	58	127,880
W3OU	191	37	61	43,708

SINGLE OP LOW POWER - MIXED

K4MA	1603	114	123	1,177,890
W3UJ	607	82	105	376,618
N1WR	509	83	82	259,710

W3KX	429	59	63	200,324
K3DSP	427	50	67	101,088
W3UL	254	47	50	90,986
W3DQ	313	48	71	85,918
K3HH	277	##	##	77,928
W4SD	205	40	55	70,110
K4HA	197	46	41	61,074
W4XP	182	35	45	32,960
K1RZ	141	35	44	31,442

SINGLE OP QRP POWER - MIXED

SINGLE OP HIGH POWER - PHONE

N3HBX	1610	58	102	515,200
W4HZ	1336	57	71	342,016
K1O	1105	(126)		278,450
N4MM	877	(156)		273,624
KB3AUG	893	58	90	262,542
W3INK	501	46	56	102,204
KF3BE	382	44	48	70,288
K3IXD	282	27	76	58,092
W3JRY	125	22	34	14,000
N3KTV	106	28	22	10,600

SINGLE OP LOW POWER - PHONE

K4TMC	644	(117)		150,696
K3DNE	485	49	68	113,490
AJ3M	424	(94)		79,712
NX9T	216	26	46	31,104
N3EYB	83	22	14	5,976

SINGLE OP HIGH POWER - CW

N4AF	1609	61	84	917,560
WU4G	1077	(126)		543,816
K2PLF	1102	56	67	542,676
N4CW	1074	(117)		502,632
W3GN	964	57	63	464,640
K8OQL	805	56	66	393,328
W3MC	628	57	62	299,880
W4ZYT	325	48	48	124,800
K1GG	131	47	1	12,720
K4UX	20	(19)		1,520

SINGLE OP LOW POWER - CW

N8II	1199	57	74	629,324
WJ9B	902	55	69	447,392
W3CB	713	(112)		321,644
W4YE	580	54	61	268,180
W3CP	391	(109)		170,912
N3UMA	344	(109)		150,520
WD3A	250	(105)		105,000
AA4KD	270	41	37	84,864

W3DAD	204	42	32	60,680
W4HM	160	(65)		41,600
R3/K3NA	5	0	3	60

SINGLE OP QRP POWER - CW				
K3SV	502	(107)		216,140
WD3P	126	(52)		60,096

MULTI OP				
K3MM	3254	117	201	3,281,760
W3PP	3004	(305)		2,694,370
W4MR	2344	114	179	2,089,090
K1SE	2298	(277)		2,022,654
WR3L	1150	94	146	842,400
K3KO	1003	85	132	808,542
K3SA	1116	72	114	786,780
WA4QDM	661	97	118	442,040
K4PB	517	53	62	239,200
N3AM	452	44	97	232,650
NE3H	234	40	45	79,560
W3YD	353	40	58	69,188
K3DI	188	48	53	60,096
W4ATC	237	39	45	39,816
W4JVN	209	29	60	37,202
N3RC	95	24	36	23,040

76 LOGS	TOTAL	32,985,096
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LAST YEAR - 1998

P V R C	31,071,538
FLA CONTEST	13,###,###
FRANKFORD R C	11,781,376
YANKEE CLIPPER C C	11,743,520

Multiop operators:
Single op plus packet unless
indicated below.

K1SE	K1SE K4EU K4ZW
K3MM	K3MM W2GG
W3PP	W3PP N4MO N3KW KD3UC
W4ATC	N3QYE KG4FMF
W4MR	N4CW KS4XG AA4NC
WR3L	K3FT AA3SC WR3L

Guest op:

K1O	KC3TL op
K1SE	at K4ZW QTH
K3MM	at W3LPL QTH
NX9T	at K4HA QTH
W4MR	at AA4NC QTH

REFERENCE PAGE.

Please send corrections to the editor.

Changes in January are underscored (in the paper edition)..

PVRC Officers

President

N3OC Brian McGinness 301-652-6768 [\[email protected\]](#)

Vice President

K4VV Jack Hammett 703-281-1308 [\[email protected\]](#)

Secretary

W2GG Bob Dannals 410-472-2004 [\[email protected\]](#)

Treasurer

WR3L Dave Baugher 410-DX1-WR3L [\[email protected\]](#)

Historian

K3SA Steve Affens 301-774-0558 [\[email protected\]](#)

PVRC Charter Members:

W3GRF (SK), W4AAV (SK), W4KFC (SK), N0FFZ (SK), W4LUE, W7YS, VP2VI (W0DX), W3IKN, W4KFT.

PacketCluster Contest/DX System, MHz:

W3LPL	Glenwood MD	145.590	441.250
KE3Q	Bowie MD	145.570	445.375
WR3L	Baltimore MD	145.610	440.950
N3RR	Rockville MD	145.510	441.325
K3SKE	Frederick MD	144.930	
N4OHE	Mt.Weather VA	145.710	440.925
NE3H	Harrisburg PA	144.970	
K3MQH	S Mountain PA	145.630	
N4SR	Woodbridge VA	145.630	*
K4FJ	Mt. Vernon VA	145.770	*
W4XP	Bull Run Mt "	144.990	

This system is sponsored by the Potomac Valley DX Spotting Network except "*" are independently funded by each SYSOP.

PVRC on Internet.

PVRC web site by K3SA:

<http://www.pvrc.org>

PVRC/NC web site by KS4XG

<http://www.pagesz.net/~pvrcnc>

PVRC reflector: (editor N4AF)

Get latest scores & activities info here

To post: [\[email protected\]](#)

To join* send email to:

[\[email protected\]](#)

Text: SUBSCRIBE PVRC

*Members only. If your call is not within your URL, then send msg to [\[email protected\]](#)

PVRC dues and ARRL renewals: The annual dues are by donation -

hopefully at least \$10. Club gets a cut from ARRL renewals sent via PVRC. Both dues and renewal checks should be made to PVRC and sent to Dave Baugher, WR3L, 615 Rockway Beach Av, Baltimore, MD 21221. Thank you.

Newsletter & Autocall column Editor: Dick Wilder, K3DI, 913 Shore Acres Rd, Arnold, MD 21012-1724. Voice 410-757-6706, FAX/modem 410-757-6720, Dxcluster packet, and [\[email protected\]](#). The Newsletter deadline varies around the 20th of the prior month. The FAR deadline is 65 days prior to the issue date.

CENTRAL: The Central Meeting is always the second Monday (except June, July, and August) at 7:30 pm. The central meeting generally alternates between MD and VA locations. A pre-meeting dinner is usually held between 5:00 and 6:30 pm. Check via 147- repeater.

VA LOCATION: The Patrick Henry (Public) Library, Route 123, Vienna, VA. Pre-meeting dinner at Outback, Old Branch Ave.

MD LOCATION: Church of the Nativity (Episcopal), Route 5, Temple Hills, MD. Pre-meeting dinner at Topolino's.

NORTHWEST: Greg Altig 410-775-7313 [\[email protected\]](#). Meets at 7:30 pm on the third Tuesday every month at Tully's Grill, 1080 W. Patrick St, Frederick, MD. Same center as Shoppers Food Warehouse. Essentially includes WEST VIRGINIA area.

NORTH CAROLINA: Chair: Guy Olinger, K2AV; Sec: Pete Soper, KS4XG, [\[email protected\]](#), hm: 919-362-4635, wk: 919-481-6874. Activities: Jim Stevens, K4MA. POC is K4MA & KS4XG. Howie Hoyt, N4AF, [\[email protected\]](#) is PVRC reflector editor. PVRC/NC meets at 6:00 pm the first Thursday of every month at Ryan's Family Steakhouse at Crossroads in Cary.

TIDEWATER (VA) COLONY OF PVRC:

Don Lynch W4ZYT 757-486-0728 [\[email protected\]](#). Meetings the 3rd Tuesday of every month are held jointly with the VA DXCC at The Golden Corral corner of Battlefield Blvd South and Volvo Pkwy in Chesapeake, VA. Easy access from I-64 at Rte 168 (Battlefield Blvd S) exit. Dinner at 1830 and meeting at 1925.

SOUTHWEST VA CHAPTER: Coordinator: John Mitchell, K4IQ, Catawba, VA 540-384-7377, [\[email protected\]](#). Monthly meetings alternate between Roanoke area locations

THE BWI REGIONAL/PVRC: Weekly breakfast Wed at 7:30 AM at Basil's Deli Port on Elkrdige Landing Rd 1/4 mile South of Winterson Road 410-850-4333. Director: Ike Lawton, W3IKE, 410-263-2830. Secretary: Howard Leake, W6AXX, 410-465-7008, [\[email protected\]](#)

OVER-THE-HILL LUNCH BUNCH: Rotating hosts announces meeting info. Ben Shaver, AA4XU, 703-534-4740; Andy Anderson, W3XE,

301-384-7771, [\[email protected\]](#), Holiday Inn, College Park MD; and
Bill Leavitt, W3AZ, 301-292-5797, Ramada Inn, Oxon Hill

PENNSYLVANIA: Steve Cutshall, K3TZV, [\[email protected\]](#),
717-763-0462.

RAPPAHANNOCK: Steve Bookout, NR4M
(ex-NJ4F) [\[email protected\]](#) Also, Larry Schimelpfenig, K7SV,
[\[email protected\]](#)

WOODBIDGE: Jack O'Mara W4NF, [\[email protected\]](#) 703-680-4106 and
Cliff Deel W4CE, [\[email protected\]](#) 703-491-0841

CENTRAL VA: Bob Morris, W4MYA 804-457-9011
[\[email protected\]](#) CVCC/PVRC monthly meetings are held the
2nd Tuesday at the First Mennonite Church on Staples Mill Rd at
7:30 PM. Optional 6PM-ish dinner at the Crazy Greek Rest, Staples
Mill Rd. Talk-in is 145.430 MHz.

SOUTHERN MD: Chair: Barry Shapiro, WR3Z. H:301-862-2466
[\[email protected\]](#)
Usually on the first Monday of Sep, Dec, Mar, and May at N1WR's.

EASTERN-SHORE (DEL-MAR-VA): Dallas Carter, W3PP 302-875-0550
[\[email protected\]](#)

SHENANDOAH: Bill Hinkle KB3AUG [\[email protected\]](#) 304-567-3138

NORTHEAST: WR3L See info above.

ANNAPOLIS CREW: K3DI. See editor info.

OTHER MEETINGS based on prior year(s):

May.	Meeting at Dayton Hamvention
Jun.	W3LPL open house Sat before Field Day. With joint FRC/PVRC meeting on alternate years. (1999, 2001, 2003, ...)
summer.	When joint FRC/PVRC is at FRC, they announce the date.
Jul.	PVRC/NC cook out
Jul.	Open house, W4MYA, Goochland,
Aug.	NCDXA/PVRC Fowlfest at W3YOZ
Aug.	VHF++ meeting/workshop at ND3F
Sep.	PVRC meeting at the FARfest Bowie
Sep.	Open house, WR3L, Baltimore
Dec.	Christmas dinner, DC area.

5 MILLION (CLUB COMPETITION) AWARD

Month and number of the full week end.

Jan 3	ARRL VHF Sweepstakes
Jan Last	CQWW 160m CW
Feb 3	ARRL DX CW

Feb Last	CQWW 160m SSB
Mar 1	ARRL DX SSB
Mar Last	CQWW WPX SSB
May Last	CQWW WPX CW
Sep 2	ARRL VHF QSO Party
Oct Last	CQWW DX SSB
Nov 1	ARRL Sweepstakes CW
Nov 3	ARRL Sweepstakes SSB
Nov Last	CQWW DX CW
Dec 1	ARRL 160m CW
Dec 2	ARRL 10m Mixed

Standings at <http://jctc.org/pvrc5m.htm>
Roster updates at: <http://www.pvrc.org/pvrcmm98.htm>

A FREE (SHAREWARE) COPY OF CT 6.26 (with updated files) is available from K3DI.